

ABSTRACT OF THE DISCLOSURE

The invention provides an in vitro culture medium for in vitro-produced porcine embryo for the in vitro culture thereof, which can improve the quality of the resulting blastocyst and can raise the ratio of the development into fetus and infant after transfer, along with a method for in vitro culturing in vitro-produced porcine embryo using the culture medium, which can improve the quality of the resulting blastocyst and can develop the blastocyst into fetus and infant after transfer.

A culture medium for the in vitro culture of in vitro-produced porcine embryo, which contains lactic acid and pyruvic acid; a culture medium for the in vitro culture, which is conditioned with oviductal epithelial cell; and a method for in vitro culturing in vitro-produced porcine embryo, comprising culturing the in vitro-produced porcine embryo using the culture medium for the 0 to 2-day term after fertilization and subsequently culturing the embryo in a glucose-containing culture medium.